



A.D. 1875, 25th OCTOBER. N° 3692.

Trusses.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Robert Harvey Hilliard at the Office of the Commissioners of Patents, with his Petition, on the 25th October 1875.

I, ROBERT HARVEY HILLIARD, of 5, Belgrave Terrace, Upper Holloway, London, in the County of Middlesex, Doctor of Medicine, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN THE CONSTRUCTION OF TRUSSES FOR HERNIA, AND IN THE PADDING AND COVERING OF TRUSSES AND OTHER SIMILAR APPLIANCES FOR THE SUPPORT OF PARTS OF THE HUMAN BODY," to be as follows:—

10 My Invention relates to certain improvements in the construction of the pads and coverings of trusses, whereby the said pads and coverings can be readily removed and separated, uninjured from the body spring of the truss by the wearer himself, and reapplied and adjusted, or a new cover, pad, or spring substituted when desired. The different parts are
15 all made separately from the said spring, and independent of it, and the cover is sufficiently loose and yielding to pull over it like a glove. The body spring is enclosed in an india-rubber sheath (preferably of vulcanized india-rubber) sufficiently thick in certain parts to take the place and serve the purpose of the usual padding. This sheath terminates
20 in a solid strap of the same material as the sheath, and is continuous

Hilliard's Improvements in the Construction of Trusses.

with it, and at the pad end is sufficiently dilated into a sac or envelope which encloses the pad, or this sac or envelope may be made separate from the sheath. The pad or cushion of the truss is made of porous, “honeycombed,” or sponge rubber (but any ordinary pad can be adapted if required), attached to a metal back. The back of the pad bears two 5 male screws which are fastened to the body spring in the following manner:—The pad end of the said spring has a slot, through which when covered by its sheath the screws are made to project, and are then screwed tight over the spring by two studs pierced by corresponding female screws. The said studs are turned with a deep groove, so that 10 when adapted the shoulders of the studs nearly meet, and the whole arrangement is such that they form a clip through which the strap is stretched when the truss is fitted on the body, and is there retained without buckle or button.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1876.

